

Sugarcane Mills: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
311311, Sugarcane mills	29	32	4 383	145 486	3 109	7 280	113 018	410 206	773 837	1 267 531	54 699
2002..	N	N	4 171	139 491	2 900	6 726	108 122	515 055	701 544	1 202 827	40 787
2001..	N	N	4 928	158 222	3 408	7 970	117 157	703 245	799 957	1 485 068	75 559
2000..	N	N	5 090	163 002	3 662	8 342	119 311	698 722	850 411	1 493 486	53 749
1999..	N	N	4 873	158 635	3 478	8 672	104 525	731 108	870 161	1 501 421	61 110
1998..	N	N	4 938	167 589	3 362	8 768	109 506	647 496	872 054	1 457 482	67 796
1997..	34	38									

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. **Industry Statistics for Selected States: 2002**

[Not applicable for this report]

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
311311, Sugarcane mills	
Companies ¹	number.. 29
All establishments ²	number.. 32
Establishments with 1 to 19 employees	number.. 9
Establishments with 20 to 99 employees	number.. 8
Establishments with 100 employees or more	number.. 15
All employees ³	number.. 4 383
Total compensation	\$1,000.. 189 622
Annual payroll	\$1,000.. 145 486
Total fringe benefits	\$1,000.. 44 136
Production workers, average for year	number.. 3 109
Production workers on March 12	number.. 3 195
Production workers on May 12	number.. 2 520
Production workers on August 12	number.. 2 478
Production workers on November 12	number.. 4 239
Production worker hours	1,000.. 7 280
Production worker wages	\$1,000.. 113 018
Total cost of materials	\$1,000.. 773 837
Materials, parts, containers, packaging, etc., used	\$1,000.. 739 693
Resales	\$1,000.. D
Purchased fuels	\$1,000.. 16 687
Purchased electricity	\$1,000.. 8 329
Contract work	\$1,000.. D
Quantity of electricity purchased for heat and power	1,000 kWh.. 129 369
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 302 154
Total value of shipments	\$1,000.. 1 267 531
Primary products value of shipments	\$1,000.. 1 248 809
Secondary products value of shipments	\$1,000.. 13 902
Total miscellaneous receipts	\$1,000.. 4 820
Value of resales	\$1,000.. D
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 99
Value of primary products shipments made in all industries	\$1,000.. 1 267 249
Value of primary products shipments made in this industry	\$1,000.. 1 248 809
Value of primary products shipments made in other industries	\$1,000.. 18 440
Coverage ratio	percent.. 99
Value added	\$1,000.. 410 206
Total inventories, beginning of year	\$1,000.. 495 339
Finished goods inventories	\$1,000.. 443 747
Work-in-process inventories	\$1,000.. 798
Materials and supplies inventories	\$1,000.. 50 794
Total inventories, end of year	\$1,000.. 406 753
Finished goods inventories	\$1,000.. 360 594
Work-in-process inventories	\$1,000.. 463
Materials and supplies inventories	\$1,000.. 45 696
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 1 093 617
Total capital expenditures (new and used)	\$1,000.. 54 699
Buildings and other structures (new and used)	\$1,000.. 4 591
Machinery and equipment (new and used)	\$1,000.. 50 108
Automobiles, trucks, etc., for highway use	\$1,000.. 2 580
Computers and peripheral data processing equipment	\$1,000.. 1 264
All other expenditures for machinery and equipment	\$1,000.. 46 264
Total retirements	\$1,000.. 12 095
Gross value of depreciable assets at end of year	\$1,000.. 1 136 221
Depreciation charges during year	\$1,000.. 67 576
Total rental payments	\$1,000.. 8 447
Buildings and other structures	\$1,000.. 795
Machinery and equipment	\$1,000.. 7 652
Total other expenses ⁴	\$1,000.. 48 586
Response coverage ratio ⁵	percent.. 84
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 17 199
Communications services ⁴	\$1,000.. 462
Legal services ⁴	\$1,000.. 1 238
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 699
Advertising and promotional services ⁴	\$1,000.. 2 073
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 258
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 525
Management consulting and administrative services ⁴	\$1,000.. 1 308
Taxes and license fees ⁴	\$1,000.. 2 767
All other expenses ⁴	\$1,000.. 22 057

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
311311, Sugarcane mills											
All establishments	—	32	4 383	145 486	3 109	7 280	113 018	410 206	773 837	1 267 531	54 699
Establishments with—											
1 to 4 employees	—	2	a	D	D	D	D	D	D	D	D
5 to 9 employees	9	4	25	891	16	37	664	2 126	3 601	5 727	280
10 to 19 employees	5	3	47	1 255	26	53	631	3 800	4 487	7 526	D
20 to 49 employees	3	3	b	D	D	D	D	D	D	D	D
50 to 99 employees	1	5	403	14 265	340	817	11 491	60 440	69 156	147 937	9 625
100 to 249 employees	—	10	1 420	44 935	1 261	2 875	37 546	149 793	367 776	571 376	21 097
250 to 499 employees	—	3	f	D	D	D	D	D	D	D	D
500 to 999 employees	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	—	—	—	—	—	—	—	—	—	—	—

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
311311	Sugarcane mills	32	4 383	145 486	3 109	7 280	113 018	410 206	773 837	1 267 531	54 699
3113110	Raw cane sugar	32	4 383	145 486	3 109	7 280	113 018	410 206	773 837	1 267 531	54 699

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311311	Sugarcane mills .....2002..	N	X	X	1 267 249
	.....1997..	N	X	X	1 449 749
3113110	Raw cane sugar .....2002..	N	X	X	1 267 249
	.....1997..	N	X	X	1 449 749
31131101	Raw cane sugar .....2002..	N	X	X	1 122 481
	.....1997..	N	X	X	1 315 716
3113110111	Raw cane sugar .....1,000 s tons..2002..	18	X	P2 846.1	1 122 481
	.....1997..	26	X	P2 914.8	1 315 716
31131102	Sugar cane mill products and byproducts, except raw cane sugar.....2002..	N	X	X	72 179
	.....1997..	N	X	X	106 428
3113110221	Sugarcane molasses, syrup, and blackstrap (except refiners' blackstrap) .....1,000 s tons..2002..	20	X	D	D
	.....1997..	31	X	1 071.6	76 259
3113110231	All other sugarcane mill products and by-products without further processing .....1,000 s tons..2002..	3	X	D	D
	.....1997..	8	X	S	30 169
3113110Y	Raw cane sugar, nsk, total .....2002..	N	X	X	72 589
	.....1997..	N	X	X	27 605
3113110YWW	Raw cane sugar, nsk, for nonadministrative-record establishments .....2002..	N	X	X	72 589
	.....1997..	N	X	X	27 605
3113110YWY	Raw cane sugar, nsk, for administrative-record establishments .....2002..	N	X	X	—
	.....1997..	N	X	X	—

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
311311	Sugarcane mills		
00900001	Total materials	2002.. X	739 693
		1997.. X	830 507
11193000	Sugar cane	1,000 s tons.. 2002.. q20 409.6	560 605
		1997.. 24 105.3	673 500
31131100	Raw cane sugar (converted to 96 percent basis)	1,000 s tons.. 2002.. 367.9	67 832
		1997.. N	N
11199100	Sugar beets	1,000 s tons.. 2002.. D	D
		1997.. N	N
32221001	Paperboard containers, boxes, and corrugated paperboard	2002.. X	D
		1997.. X	N
001900A1	Packaging paper and plastics film, coated and laminated	2002.. X	D
		1997.. X	N
001900A3	Bags (plastics, foil, and coated paper)	2002.. X	D
		1997.. X	N
32222401	Bags (uncoated paper and multiwall)	2002.. X	D
		1997.. X	N
00970099	All other materials and components, parts, containers, and supplies	2002.. X	62 835
		1997.. X	115 633
00971000	Materials, ingredients, containers, and supplies, nsk	2002.. X	24 407
		1997.. X	41 374

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.